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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

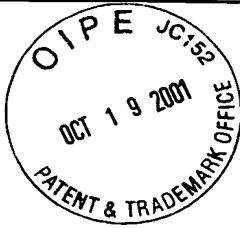
In re Patent Application of

Se-Jin LEE

Application Serial No. 08/966,233

Filed: November 17, 1997

FOR: GDF-1 GENE



Group Art Unit: 1631

Examiner: M.P. Allen

#55/M
Plunkett
10/25/01
(N.E.)

* * * *

REPLY TO OFFICE ACTION

This Reply is responsive to the Office Action dated June 19, 2001. Reconsideration of the claimed subject matter in view of the following Amendments and Remarks is respectfully requested.

In the Claims

Please amend claim 35 as follows:

M
35. (Amended) An isolated DNA segment encoding mammalian GDF-1 protein which comprises the open reading frame for GDF-1 as shown in Figure 2 or Figure 11A or Figure 11B.

Please see the attached Appendix for changes made to the above claim.

DO NOT ENTER
MAY 2001
10/23/01
Please add the following new claims:

--39. (New) An isolated DNA segment encoding a mammalian GDF-1 protein, wherein said DNA hybridizes under conditions of 65°C and 1M sodium chloride to DNA having the nucleotide sequence as defined in Figure 2 or Figure 11A or 11B and remains bound when subjected to washing at 68°C and 0.3 M sodium chloride/ 30 mM sodium citrate (2X SSC).

40. (New) A recombinant DNA molecule comprising the isolated DNA segment according to claim 39 operably linked to a vector.

10/22/2001 SZEWDIE1 00000029 08966233

02 FC:202
03 FC:203

42.00 DP
36.00 DP